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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: [year=2010; month=5; day=26; hr=13; min=22; sec=8; ms=534;]

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Application No: 10574182 Version No: 1.0

Input Set:

Output Set:

Started: 2010-05-20 19:07:46.112
Finished: 2010-05-20 19:07:48.523
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 411 ms
Total Warnings: 26
Total Errors: 0
No. of SeqIDs Defined: 26
Actual SeqID Count: 26

Error code	Error Description
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W 402	Undefined organism found in <213> in SEQ ID (2)
W 402	Undefined organism found in <213> in SEQ ID (3)
W 402	Undefined organism found in <213> in SEQ ID (4)
W 402	Undefined organism found in <213> in SEQ ID (5)
W 402	Undefined organism found in <213> in SEQ ID (6)
W 402	Undefined organism found in <213> in SEQ ID (7)
W 402	Undefined organism found in <213> in SEQ ID (8)
W 402	Undefined organism found in <213> in SEQ ID (9)
W 402	Undefined organism found in <213> in SEQ ID (10)
W 402	Undefined organism found in <213> in SEQ ID (11)
W 402	Undefined organism found in <213> in SEQ ID (12)
W 402	Undefined organism found in <213> in SEQ ID (13)
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W 402	Undefined organism found in <213> in SEQ ID (16)
W 402	Undefined organism found in <213> in SEQ ID (17)
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Input Set:

Output Set:

Started: 2010-05-20 19:07:46.112
Finished: 2010-05-20 19:07:48.523
Elapsed: 0 hr(s) 0 min(s) 2 sec(s) 411 ms
Total Warnings: 26
Total Errors: 0
No. of SeqIDs Defined: 26
Actual SeqID Count: 26

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

SEQUENCE LISTING

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<140> 10574182

<141> 2010-05-20

<150> PCT/US04/34256

<151> 2004-09-30

<150> 60/507682

<151> 2003-09-30

<160> 26

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<212> PRT

<213> homo sapien

<400> 2

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Leu Leu Leu Leu Leu Ser Thr Leu Val Ile Pro Ser Ala Ala Ala Pro
      20             25             30
Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu
    35             40             45
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 Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly
 85 90 95
 Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Arg Thr Asp Asn
 100 105 110
 Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln
 115 120 125
 Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu
 130 135 140
 Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe His
 145 150 155 160
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 180 185 190
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 195 200 205
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 <213> homo sapien

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35					40					45									
Gln	Ser	Leu	Leu	Gln	Gly	Phe	Ser	Arg	Leu	Phe	Leu	Lys	Gly	Asn	Leu				
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Leu	Arg	Gly	Ile	Asp	Ser	Leu	Phe	Ser	Ala	Pro	Met	Asp	Phe	Arg	Gly				
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Asn	Asn	Thr	Leu	Ser	Ser	His	Leu	Gln	Ile	Asp	Lys	Met	Thr	Asp	Asn				
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Lys	Thr	Gly	Glu	Val	Leu	Ile	Ser	Glu	Asn	Val	Val	Ala	Ser	Ile	Gln				
115					120					125									
Pro	Ala	Glu	Gly	Ser	Phe	Glu	Gly	Asp	Leu	Lys	Val	Pro	Arg	Met	Glu				
130					135					140									
Glu	Lys	Glu	Ala	Leu	Val	Pro	Ile	Gln	Lys	Ala	Thr	Asp	Ser	Phe	His				
145					150					155					160				
Thr	Glu	Leu	His	Pro	Arg	Val	Ala	Phe	Trp	Ile	Ile	Lys	Leu	Pro	Arg				
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Arg	Arg	Ser	His	Gln	Asp	Ala	Leu	Glu	Gly	Gly	His	Trp	Leu	Ser	Glu				
180					185					190									
Lys	Arg	His	Arg	Leu	Gln	Ala	Ile	Arg	Asp	Gly	Leu	Arg	Lys	Gly	Thr				
195					200					205									
His	Lys	Asp	Val	Leu	Glu	Glu	Gly	Thr	Glu	Ser	Ser	Ser	His	Ser	Arg				
210					215					220									
Leu	Ser	Pro	Arg	Lys	Thr	His	Leu	Leu	Tyr	Ile	Leu	Arg	Pro	Ser	Arg				
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Gln Leu																			

<210> 5

<211> 733

<212> DNA

<213> homo sapien

<400> 5

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<212> PRT

<213> homo sapien

<400> 6

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			20					25					30		
Ile	His	Asp	Ala	Asp	Ala	Gln	Glu	Ser	Ser	Leu	Gly	Leu	Thr	Gly	Leu
	35					40					45				
Gln	Ser	Leu	Leu	Gln	Gly	Phe	Ser	Arg	Leu	Phe	Leu	Lys	Gly	Asn	Leu
	50				55						60				
Leu	Arg	Gly	Ile	Asp	Ser	Leu	Phe	Ser	Ala	Pro	Met	Asp	Phe	Arg	Gly
65				70					75					80	
Leu	Pro	Gly	Asn	Tyr	His	Lys	Glu	Glu	Asn	Gln	Glu	His	Gln	Leu	Gly
			85						90					95	
Asn	Asn	Thr	Leu	Ser	Ser	His	Leu	Gln	Ile	Asp	Lys	Met	Thr	Asp	Asn
	100							105					110		
Lys	Thr	Gly	Glu	Val	Leu	Ile	Ser	Glu	Asn	Val	Val	Ala	Ser	Ile	Gln
	115						120					125			
Pro	Ala	Glu	Gly	Ser	Phe	Glu	Gly	Asp	Leu	Lys	Val	Pro	Arg	Met	Glu
	130					135					140				
Glu	Lys	Glu	Ala	Leu	Val	Pro	Ile	Gln	Lys	Ala	Thr	Asp	Ser	Phe	His
145				150					155					160	
Thr	Glu	Leu	His	Pro	Arg	Val	Ala	Phe	Trp	Ile	Ile	Lys	Leu	Pro	Arg
			165					170					175		
Arg	Arg	Ser	His	Gln	Asp	Ala	Leu	Glu	Gly	Gly	His	Trp	Leu	Ser	Glu
	180						185				190				
Lys	Arg	His	Arg	Leu	Gln	Ala	Ile	Arg	Asp	Gly	Leu	Arg	Lys	Gly	Thr
	195					200					205				
His	Lys	Asp	Val	Leu	Glu	Glu	Gly	Thr	Glu	Ser	Ser	Ser	His	Ser	Arg
	210					215					220				
Leu	Ser	Pro	Arg	Lys	Thr	His	Leu	Leu	Tyr	Ile	Leu	Arg	Pro	Ser	Arg
225				230					235					240	
Gln	Leu														

<210> 7

<211> 733

<212> DNA

<213> homo sapien

<400> 7

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<210> 8

<211> 242

<212> PRT

<213> homo sapien

<400> 8

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Leu Leu Leu Leu Leu Ser Thr Leu Val Ile Pro Ser Thr Ala Ala Pro
 20           25           30
Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu
 35           40           45
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu
 50           55           60
Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly
 65           70           75           80
Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly
 85           90           95
Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Met Thr Asp Asn
100           105           110
Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln
115           120           125
Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu
130           135           140
Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe His
145           150           155           160
Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro Arg
165           170           175
Arg Arg Ser His Gln Asp Ala Leu Glu Gly Gly His Trp Leu Ser Glu
180           185           190
Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly Thr
195           200           205
His Lys Asp Val Leu Glu Glu Gly Thr Glu Ser Ser Ser His Ser Arg
210           215           220
Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro Ser Arg
225           230           235           240
Gln Leu
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<210> 9

<211> 733

<212> DNA

<213> homo sapien

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<211> 242
<212> PRT
<213> homo sapien

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35 40 45
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu
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Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly
65 70 75 80
Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly
85 90 95
Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Met Thr Asp Asn
100 105 110
Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln
115 120 125
Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu
130 135 140
Glu Lys Glu Ala Leu Val Pro Ile Gln Lys Ala Thr Asp Ser Phe His
145 150 155 160
Thr Glu Leu His Pro Arg Val Ala Phe Trp Ile Ile Lys Leu Pro Arg
165 170 175
Arg Arg Ser His Gln Asp Ala Leu Glu Gly Ser His Trp Leu Ser Glu
180 185 190
Lys Arg His Arg Leu Gln Ala Ile Arg Asp Gly Leu Arg Lys Gly Thr
195 200 205
His Lys Asp Val Leu Lys Glu Gly Thr Glu Ser Ser Ser His Ser Arg
210 215 220
Leu Ser Pro Arg Lys Thr His Leu Leu Tyr Ile Leu Arg Pro Ser Arg
225 230 235 240
Gln Leu

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<212> PRT

<213> homo sapien

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Ile His Asp Ala Asp Ala Gln Glu Ser Ser Leu Gly Leu Thr Gly Leu
35 40 45
Gln Ser Leu Leu Gln Gly Phe Ser Arg Leu Phe Leu Lys Gly Asn Leu
50 55 60
Leu Arg Gly Ile Asp Ser Leu Phe Ser Ala Pro Met Asp Phe Arg Gly
65 70 75 80
Leu Pro Gly Asn Tyr His Lys Glu Glu Asn Gln Glu His Gln Leu Gly
85 90 95
Asn Asn Thr Leu Ser Ser His Leu Gln Ile Asp Lys Met Thr Asp Asn
100 105 110
Lys Thr Gly Glu Val Leu Ile Ser Glu Asn Val Val Ala Ser Ile Gln
115 120 125
Pro Ala Glu Gly Ser Phe Glu Gly Asp Leu Lys Val Pro Arg Met Glu